## 10/511555

## INTERNATIONAL SEARCH REPORT

International application No.

	PC1/US03/11633	
A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : C04B 14/02; C09K 11/02		
US CL : 428/404,406,407; 106/417; 252/301.4R, 301.36: 524/4,5,524		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
U.S.: 428/404,406,407; 106/417; 252/301.4R, 301.36: 524/4,		İ
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
JPAB; EPAB; Derwent		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where ap		Relevant to claim No. 1-28,31,35
Y CN 1,324,910 A (TANG et al.) 05 December 2001,	CN 1,324,910 A (TANG et al.) 05 December 2001, abstract.	
Y WO 01/00748 A1 (KIDD et al) 04 January 2001, pg. 1-13.		1-18,31,35
Λ		
Y US 4,614,755A (RODGERS) 30 September 1986, col. 2, line 38-col. 5, line 44.		1-19,35
Y US 4,708,978A (RODGERS) 24 November 1987, col. 2, line 34-col. 5, line 60.		1, 20-27, 35
Y US 5,849,218A (JOHANSEN, Jr. et al.) 15 December 1998, col. 1, line 43-col. 6, line 30.		1-8,10-17,19-25,27,35
Y US 5,558,708A (JOHANSEN, JR. et al ) 24 September 1996, col. 2, line 1-col. 4, line 32.		1-8,10-17,19-25,27,35
Y,P US 2003/0051638 A1 (POMEROY) 20 March 2003, paragraphs [002]-[0029].		1,11,12,14-20,22-
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Further documents are listed in the continuation of Box C.	See patent family annex.	
		materal files des es estado.
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"A" document defining the general state of the art which is not considered to be	principle or theory underlying the inve	
of particular relevance	"X" document of particular relevance; the	claimed invention cannot be
"E" earlier application or patent published on or after the international filing date	considered novel or cannot be consider	
	when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as	"Y" document of particular relevance; the	claimed invention cannot be
specified)	considered to involve an inventive ste	p when the document is
"O" document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in th	
document referring to an oral disclosure, use, exhibition of other means	being obvious to a person skined in the	eat
"P" document published prior to the international filing date but later than the	"&" document member of the same patent	family
priority date claimed		
Date of the actual completion of the international search	Date of mailing of the international sear	ch report
01 Tuly 2002 (01 07 2002)	21 JUL 200	り
01 July 2003 (01.07.2003)	Authorized officer	<del>                                     </del>
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